

55. Mercury contaminated area south of CPP T-15.

	INITIAL ASSESSMENT FORM					
. SITE NAME AND LOCA	LION					
01 SITE NAME Mercury contaminated	i area sout	h of CPP				ineering
03 CITY Scoville		04 STATE Idaho		P CODE	06 COUNTY Butte	
09 COORDINATES: NORTH	EA	ST	07 CO	UNTY CO	DE 08 CONG. I	DIST.
<u>6 9 4 9 5</u>	0 29	<u>7 6 2 5</u>				
10 DIRECTIONS TO SITE N. on Lincoln Blvd.				lic roa	d)	
II. OWNER/OPERATOR						
01 OWNER (If known) Department of Energy	(DOE)	02 STREE	ET ADDI DOE Pl			
03 CITY Idaho Falls		04 STATI Idaho		ZIP COD 3402	E 06 TELEPHON (208) 52	
07 OPERATOR (If known) Westinghouse Idaho	Nuclear Co.	08 STREE	ET ADDI Box 4			
79 CITY Idaho Falls		10 STATE		ZIP COD 83403	E 12 TELEPHON (208) 52	
III. CHARACTERIZATION	OF POTENTIA	L HAZARD				<u>, m. 10 - 1, </u>
01 ON SITE INSPECTION	<u>x</u> YES	ио	DATE	7 /10	/86	
02 SITE STATUS (Check of	one)			03 Y	EARS RECEIVED / 1984	HAZ WASTE
A. Active SWMU _2	g B. Inacti	ve C.	Unknov	wn Sta	rt Stop	
04 DESCRIPTION OF SUBST		IBLY PRESE	ent, ki	NOWN, O	R ALLEGED	
05 DESCRIPTION OF POTEN See Hazardous Condition				T AND/O	R POPULATION	
IV. INFORMATION AVAILAB	3LE FROM					
01 CONTACT Clifford Clark	02 OF (Age: DOE-				TELEPHONE NU (208) 526-112	
04 PERSON RESPONSIBLE FOR ASSESSMENT D. Joan Poland	05 AGI WII	ENCY NCO	06 ORG		07 TELEPHONE (208) 526	
78 DATE 10 /16 /86 Mon Day Year						

WASTE INFORMATION								
I. WASTE	STATES, QUANTITIE	ES, AND	CHARACTE	RISTICS				
01 PHYSICAL STATES (Check all that apply) A. Solid E. Slurry B. Powder Fines F. Liquid C. Sludge G. Gas CUBIC YARDS 10 NO. OF DRUMS								
03 WASTE CHARACTERISTICS (Check all that apply) XA. Toxic								
II. WASTE	E TYPE							
CATEGORY SLU OLW SOL PSD OCC IOC ACD BAS MES	OLW Oily Waste SOL Solvents PSD Pesticides OCC Other organic chemicals IOC Inorganic chemicals ACD Acids BAS Bases							
O1 CATEGOR SOL MES	Misc. paint solvents Mercury Chromium Lead	03 CAS NUMBE			O5 CONC	C. 06 MEASURE		
Use specif	ES OF INFORMATION ic references, e.	g. stat	e titles	, sample	analysis	reports,etc.)		

and a transfer that the property of the second states of the experience of the property of the engine of the con-

	HAZARDOUS CONDITIONS AND INCIDENTS	
ı - •	HAZARDOUS CONDITIONS AND INCIDENTS	
1	A. GROUNDWATER CONT. 02 OBSERVED (Date) NARRATIVE DESCRIPTION: Not Applicable	POTENTIAL ALLEGED
	B. SURFACE WATER CONT. 02 OBSERVED (Date) NARRATIVE DESCRIPTION: Not Applicable	POTENTIAL ALLEGED
01 03	C. CONTAMINATION OF AIR	POTENTIAL ALLEGED
01 03	D. FIRE/EXPLOSIVE CONDITIONS 02 OBSERVED (Date) POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION Not Applicable	POTENTIAL ALLEGED
01 03	E. DIRECT CONTACT 02 OBSERVED (Date) POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION Not Applicable	POTENTIAL ALLEGED
01 03	<u>x</u> F. CONTAMINATION OF SOIL 02 OBSERVED (Date) <u>x</u> NARRATIVE DESCRIPTION: The volume of potentially contaminated soil is approximately 10 cubic yards.	POTENTIAL ALLEGED
	G. DRINKING WATER CONTAMINATION 02 OBSERVED (Date) NARRATIVE DESCRIPTION: Not Applicable	POTENTIAL ALLEGED

en de la companya del companya de la companya de la companya del companya de la companya del la companya de la

.

HAZARDOUS CONDITIONS AND INCIDENTS
I. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)
01 J. DAMAGE TO FLORA 02 OBSERVED (Date) POTENTIAL 04 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
01 K. DAMAGE TO FAUNA 02 OBSERVED (Date) POTENTIAL 04 NARRATIVE DESCRIPTION: (include name(s) of species) ALLEGED Not Applicable
01 L. CONTAMINATION OF FOOD CHAIN 02 OBSERVED (Date) POTENTIAL 04 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
OI M. UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (Date)POTENTIAL (SPILL RUNOFF, STANDING LIQUIDS/LEAKING DRUMS) O3 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
01 N. DAMAGE TO OFFSITE PROPERTY 02 OBSERVED (Date) POTENTIAL 04 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
01 O. CONTAMINATION OF SEWERS,STORM 02 OBSERVED(Date) POTENTIAL DRAINS, WWTPS 04 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
01 P. ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (Date) POTENTIAL 04 NARRATIVE DESCRIPTION: ALLEGED Not Applicable
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS
III. COMMENTS None
IV. SOURCES OF INFORMATION (List specific references, e.g., state titles, sample analysis, reports) Site inspections, personnel interview, disposal quantity records and Installation Assessment Report.

PRIORITY RANKING SYSTEM
I. GENERAL FACILITY INFORMATION
FACILITY NAME: <u>CPP Mercury Contaminated Area</u> LOCATION: <u>Near CPP-</u> F-15 (South) POINT OF CONTACT: NAME:
ADDRESS:
PHONE:
REVIEWER: 10/20/86
II. GENERAL FACILITY DESCRIPTION
GENERAL DESCRIPTION OF THE FACILITY: (For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of facility; contamination route of major concern; types of information needed for rating; agency action, etc.) During a baseline study at the CPP in 1984, punters / carpenters were abserved discharding used punt silvents to the soil. In August 1985, seven soil sample analyses indicated mercury levels ranging from 48 to 236 pph. Some Soil has been removed.
III. SCORES
$SM = \underline{/4./} (Sgw = \underline{24.4} Ssw = \underline{0} Sa = \underline{0})$ $SFE = \underline{0}$ $SDC = \underline{0}$

and the second of the second o

GROUND WATER ROUTE WORKSHEET						
RATING	FACTOR	ASSIGNED VALUE (Circle one)	MULTI- PLIER	SCORE	MAX. SCORE	REF. Section
						3.2
	ARACTERISTICS Aquifer of	0 123	2		6	
Net Precip Permeabil		① 1 2 3 0 1 ② 3	1		3 3	
Physical S		0 1 2 3	1		3	
	Total Route	Characteristics Score		5	15	
2.CONTAINMENT 0 1 2 3			1	3	3	3.3
		0 3 6 9 12 15 18 0 1 2 3 4 5 6 7 8	1 1		18 8	, 3.4
	Total Waste	Characteristics Score		19	26	
4. Multi	ply lines 1 x	2 x 3		285	. 1170	
5. Divide line 4 by 1170 and multiply by 100 Sgw= 24.4						

SURFACE WATER ROUTE WORKSHEET							
RATING FACTOR	ASSIGNED VALUE (Circle one)	MULTI- PLIER	SCORE	MAX. SCORE	REF. Section		
					4.2		
1.ROUTE CHARACTERISTICS Facility Slope and Intervening Terrain	(9 ² 1 2 3	1		3			
1-yr. 24-hr. Rainfall Distance to Nearest Surface Water	0 1 2 3 0 1 2 3	1 2		3 6			
Physical State	0 1 2 3	1		3			
Total Route	Characteristics Score		8	15			
2.CONTAINMENT	0 123	1	0	3	4.3		
3.WASTE CHARACTERISTICS Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 15 18 0 1 2 3 4 5 6 7 8	1		18 8	. 4.4		
Total Waste	Characteristics Score		19	26			
4. Multiply lines 1 x	2 x 3		0	1170			
5. Divide line 4 by 1170 and multiply by 100 Ssw=							

AIR ROUTE WORKSHEET									
RATING :	FACTOR	ASSIGNED VALUE (Circle one)	MULTI- PLIER	SCORE	MAX. SCORE	REF. Section			
1.HISTORIC RELEASE (0) 45 1						5.1			
Date and	Date and Location: See attached supplement pages								
If line 1	is 0, the S	a = 0. Enter on line	5.						
If line 1	is 45, then	proceed to line 2.							
2.WASTE CHAI Reactivity Incompat:		0 1 2 3	1		3	5.2			
Toxicity Hazardous V	Waste	0 1 2 3 0 1 2 3 4 5 6 7 8	3 1		9 8				
:	Total Waste	Characteristics Score			20	•			
3.TARGETS Population 4-mile Ra		0 9 12 15 18 21 2 27 30	4 1		30	5.3			
Distance to Environme	Sensitive	0 1 2 3	2		6				
Land Use		0 1 2 3	1		3				
	Total Targe	t Scores			39				
4. Multiply lines 1 x 2 x 3 35100									
5. Divide line 4 by 35100 and multiply by 100 Sa =									

	s	s ²
GROUNDWATER ROUTE SCORE (Sgw)	24.4	285
SURFACE WATER ROUTE SCORE (Ssw)	0	0
AIR ROUTE SCORE (Sa)	. 0	0
2 2 2 Sgw + Ssw + Sa		285
2 2 2 SQR(Sgw + Ssw + Sa)		24.4
2 2 2 SQR(Sgw + Ssw + Sa)/1.73 = SM		14.1

.

DOCUMENTATION RECORDS FOR HAZARD RANKING SYSTEM

INSTRUCTIONS: As briefly as possible, summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference. Include the location of the document.

FACILITY NAME: CPP Mercury Contaminated Soil
LOCATION: Near CPP 7-15 (South)
DATE SCORED: 10/20/86
PERSON SCORING: Dan Paland
PRIMARY SOURCE(S) OF INFORMATION:
Site inspections, personnel interviews and process records
and process records

FACTORS NOT SCORED DUE TO INSUFFICIENT INFORMATION:

COMMENTS OR QUALIFICATIONS:

GROUNDWATER ROUTE

** Contaminants detected (3 maximum):

None

Rationale for attributing the contaminants to the facility:

2. ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifer(s) of concern:

Snake Ruser Place Aquefer

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

450 A.

Depth from the ground surface to the lowest point of waste disposal/ storage:

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

9.07 inches

Mean annual lake or seasonal evaporation (list months for seasonal):

36 inches

Net precipitation (subtract the above figures):

- 26.93 inches

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

An interbedded sequence of basaltic lava flows and sedimentary deposits.

Permeability associated with soil type:

 10^{-7} to 10^{-3} cm/sec

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

1) me

Method of highest score:

WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

Mercury

Compound with highest score:

mercury

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of O (Give a reasonable estimate even if quantity is above maximum):

No records of quantity

Analysis of seven Soil Samples

Indicates 486236 ppb.

Is of estimating and/or computing waste quantity:

Seeabore

entif	ying R	elease	<u>Yes</u>	<u>No</u>
		for Groundwater Releases from the Unit		
•	Unit	type and design		
	-	Does the unit type (e.g., land-based) indicate the potential for release?	V	
	-	Does the unit have engineered structures (e.g., liners, leachate collection systems, proper construction materials) designed to prevent releases to groundwater?	******	_
0	Unit	operation	•	
		Does the unit's age (e.g., old unit) or operating status (e.g., inactive, active) indicate the potential for release?		<u> </u>
	-	Does the unit have poor operating procedures that increase the potential for release?	·	
	-	Does the unit have compliance problems that indicate the potential for a release to groundwater?		<u>/</u>
0	Phys	ical condition		
	-	Does the unit's physical condition indicate the potential for release (e.g., lack of structural integrity, deteriorating liners, etc.)?		<u> </u>
0	Loca	tional characteristics		
	-	Is the unit located on permeable soil so the release could migrate through the unsaturated soil zone?	1	_
	-	Is the unit located in an arid area where the soil is less saturated and therefore a release has less potential for downward migration?	V	
		Does the depth from the unit to the uppermost aquifer indicate the potential for release?		<u> </u>

Checklist for Groundwater Releases

				<u>Yes</u>	<u>No</u>
		-	Does the rate of groundwater flow greatly inhibit the migration of a release from the facility?	<u> </u>	
		-	Is the facility located in an area that recharges surface water?	_	1
	0	Wasta	e characteristics		
		-	Does the waste in the unit exhibit high or moderate characteristics of mobility (e.g., tendency not to sorb soil particles or organic matter in the unsaturated zone)?		<u>/</u>
		•	Does the waste exhibit high or moderate levels of toxicity?	$\sqrt{}$	
2.	Evid	ence (of Groundwater Releases		•
	0	Exist	ting groundwater monitoring systems		_
		-	Is there an existing system?		<u>/</u>
		-	Is the system adequate?		<u> </u>
		-	Are there recent analytical data that indicate a release?		<u>/</u>
	٥	Other	r evidence of groundwater releases		
		-	Is there evidence of contamination around the unit (e.g., discolored soils, lack of or stressed vegetation) that indicates the potential for a release to groundwater?		<u> </u>
		-	Does local well water or spring water sampling data indicate a release from the unit?	Team shift to the same of the	<u>/</u>
Det	<u>ermin</u>	ing th	ne Relative Effect of the Release on Human		
Hea	ith a	na the	e Environment_		
1.	Expo	sure !	Potential		
	•	Cond	itions that indicate potential exposure		
		-	Are there drinking water well(s) located near the unit?		<u> </u>
		-	Does the direction of groundwater flow indicate the potential for hazardous constituents to migrate to drinking water wells?	_	_

SURFACE WATER ROUTE

1. OBSERVED RELEASE - Undertake Corrective Action

Contaminants detected in surface water at the facility or downhill from it (3 maximum):

None

Rationale for attributing the contaminants to the facility:

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

0.04%

Name/description of nearest downslope surface water:

By Lost River

Average slope of terrain between facility and above cited surface water body in percent:

0.07%

Is the facility located either totally or partially in surface water?

Na

Is the facility completely surrounded by areas of high elevation?

No

1-year 24-Hour Rainfall in Inches

less than 2 inches

Distance to Nearest Downslope Surface Water

Physical State of Waste

2,000 Contamerated Sail

3. CONTAINMENT

Containment

 $\label{eq:Method} \textbf{Method(s)} \ \ \textbf{of waste or leachate containment evaluated:}$

None

Method with highest score:

				<u>Yes</u>	No
<u>Ider</u>	ntifyi	ng Re	eleases		
1.		itial the F			
	0	Proxi Recep	mity to Surface Water and/or to Off-site		
		-	Could surface run-off from the unit reach the nearest downgradient surface water body?		
		-	Could surface run-off from the unit reach off-site receptors (e.g., if facility is located adjacent to populated areas and no barrier exists to prevent overland surface run-off migration)?		<u> </u>
	o	Relea	se Migration Potential		
		-	Does the slope of the facility and intervening terrain indicate potential for release?		
		-	Is the intervening terrain characterized by soils and vegetation that allow overland migration (e.g., clayey soils, and sparse vegetation)?		<u>/</u>
		-	Does data on one-year 24-hour rainfall indicate the potential for area storms to cause surface water or surface drainage contamination as a result of run-off?		<u>/</u>
	0	Unit	Design and Physical Condition		
		-	Are engineered features (e.g., run-off control systems) designed to prevent release from the unit?	_	<u> </u>
		-	Does the operational history of the unit indicate that a release has taken place (e.g., old, closed or inactive unit, not inspected regularly, improperly maintained)?	_	
		•	Does the physical condition of the unit indicate that releases may have occurred (e.g., cracks or stress factures in tanks or erosion of earthen dikes of surface impoundments)?		<u>/</u>

Checklist for Surface Water/Surface Drainage Releases

			<u>Yes</u>	<u>No</u>
	0	Waste Characteristics		•
		Is the volume of discharge high relative to the size and flow rate of the surface water body?		1
		Do constituents in the discharge tend to sorb to sediments (e.g., metals)?	\checkmark	
		Do constituents in the discharge tend to be transported downstream?		/
	•	Do waste constituents exhibit moderate or high characteristics of persistence (e.g., PCBs, dioxins, etc.)?	$\sqrt{}$	
		 Do waste constituents exhibit moderate or high characteristics of toxicity (e.g., metals, chlorinated pesticides, etc.)? 	<u> </u>	
2	Evid	ence of Surface Water/Surface Drainage Releases		
	0	Are there unpermitted discharges from the facility to surface water that require an NPDES or a Section 404 permit?	-	$\sqrt{}$
	o	Is there visible evidence of uncontrolled run-off from units at the facility?		/
		ing the Relative Effect of the Release on Human		
1.	0	Are there drinking water intakes nearby?		_
	o	Could human and/or environmental receptors come into contact with surface drainage from the facility?		_
	0	Are there irrigation water intakes nearby?	-	
	a	Could a sensitive environment (e.g., critical habitat, wetlands) be affected by the discharge (if it is nearby)?		_/

1.	OBSERVED RELEASE
	Contaminants detected:
	None
	Date and Location of detection of contaminants:
	Methods used to detect the contaminants:
	Rationale for attributing the contaminants to the site:
2.	WASTE CHARACTERISTICS
	Reactivity and Incompatibility

Most incompatible pair of compounds:

Most reactive compound:

None

None

<u>Taxicity</u>

Most toxic compound:

See #4 Page 4

Hazardous Waste Quantity

Total quantity of hazardous waste:

See #4 Page 4

Basis of estimating and/or computing waste quantity:

See #4 Poge 4

				<u>Yes</u>	No
<u>Ide</u>	ntify	ring R	<u>eleases</u>		
1.	Pote	ential	for Air Releases from the Facility		
	0	Unit	Characteristics		
		•	Is the unit operating and does is expose waste to the atmosphere?	-	_
		-	Does the size of the unit (e.g., depth and surface area) create a potential for air release?	**********	1
	a		the unit contain waste that exhibits a rate or high potential for vapor phase ase?		
		•	Does the unit contain hazardous constitu- ents of concern as vapor releases?	and the december	1.
		<u>-</u>	Do waste constituents have a high potential for volatilization (e.g., physical form, concentrations, and constituent-specific physical and chemical parameters that contribute to volatilization)?		<u> </u>
	o	cond	the unit contain waste and exhibit site itions that suggest a moderate or high ntial for particulate release?		
		-	Does the unit contain hazardous constituents of concern as particulate releases?	AND DESCRIPTION OF THE PERSON	<u>/</u>
		•••	Do constituents of concern as particulate releases (e.g., smaller, inhalable particulates) have potential for release via wind erosion, reentrainment by moving vehicles, or operational activities?	_	<u>/</u>
		- 	Are particulate releases comprised of small particles that tend to travel off-site?		_
	٥		ertain environmental and geographic factors ct the concentrations of airborne contaminant	s?	
		-	Do atmospheric/geographic conditions limit constituent dispersion (e.g., areas with atmospheric conditions that result in inversions)?		<u>/</u>
		-	Is the facility located in a hot, dry area?	_	

Checklist for Air Releases

			res	140
2.	Evid	ence of Air Releases		
	o	Does on-site monitoring data show that releases have occurred or are occurring (e.g., OSHA data)?		<u>/</u>
	o	Have particulate emissions been observed at the site?	_	1
	0	Have there been citizen complaints concerning odors or observed particulate emissions from the site?	_	_/
		ing the Relative Effect of the Release on Human		
1.	Expo	sure Potential		
	_	Ic a nonulated area located near the site?		

Checklist for Subsurface Gas Releases

			<u>Yes</u>	<u>No</u>
<u>Ide</u>	ntify	ing a Release		
1.	Pote	ntial for Subsurface Gas Releases		
	o	Does the unit contain waste that generates methane or generates volatile constituents that may be carried by methane (e.g., decomposable refuse/volatile organic wastes)?	*******	<u> </u>
	0	Is the unit an active or closed landfill or a unit closed as a landfill (e.g., surface impoundments and waste piles)?	_	<u> </u>
2.		ation of Subsurface Gas to On-site or Off-site dings		
	o	Are on-site or off-site buildings close to the unit?	-	
	0	Do natural or engineered barriers prevent gas migration from the unit to on-site or off-site buildings (e.g., low soil permeability and porosity hydrogeologic barriers/liners, slurry walls, gas control systems)?	_	<u>/</u>
	0	Do natural site characteristics or man-made structures (e.g., underground power transmission lines, sewer pipes/sand and gravel lenses) facilitate gas migration from the unit to buildings?		<u> </u>
		ing the Relative Effect of the Release on Human nd the Environment		
1.	Ехро	sure Potential		,
	0	Does building usage (e.g., residential, commercial) exhibit high potential for exposure?		V

1.	C	Ď.	N	Т	Α	Ī	Ν	IM	Ε	Ν	Т
1.	~	v	, ,		,	٠		. ,	-	, ,	

Hazardous substances present:

See # 4 Page 4

Type of containment, if applicable:

2. WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

None

<u>Ignitability</u>

Compound used:

None

<u>Reactivity</u>

Most reactive compound:

None

Incompatibility

Most incompatible pair of compounds:

None

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

See #4 Page 1

Basis of estimating and/or computing waste quantity:

See #4 Page 4

TARGETS

Distance to Nearest Population

6 ft.

Distance to Nearest Building

Distance to Sensitive Environment

Distance to wetlands:

Greater than 100 feet

Distance to critical habitat:

Greater than 1/2 mile

Land Use

Distance to commercial/industrial area, if 1 mile or less:

The INEL is a research facility. There are no commercial/ industrial facilities within 1 mile.

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Greater than 2 miles

Distance to residential area, if 2 miles or less:

Greater than 2 miles

Distance to agricultural land in production within past 3 years, if 1 mile or less:

Greater than 1 mile

Distance to prima agricultural land in production within past 3 years, if 2 miles or less:

Greater than 2 miles

If a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

Big Southern Butte

Population Within 2-Mile Radius

1828

Buildings Within 2-Mile Radius

189

1.	OBSERVED		INCIDE	TI				
	Date,	100	ation,	and	pertinent	details	of	incident:

None

2. ACCESSIBILITY

Describe type of barrier(s):

None

3. CONTAINMENT

Type of containment, if applicable:

None

4. WASTE CHARACTERISTICS

<u>Toxicity</u>

Compounds evaluated:

See #4 Page 4

Compound with highest score:

Mercury

5. TARGETS

Population within one-mile radius

1367

Distance to critical habitat (of endangered species)

Greater than 1 mile